

**Contract 09-204-500344
CULL TREE REMOVAL
PROJECT DESCRIPTION**

PROJECT NAME: Lost Price

PROJECT NUMBER: 50-344-132-09

SUPERVISORY AREA: Payette Lakes

PROJECT ACRES: 355

LOCATION: This project is located approximately 8 airmiles west of New Meadows, Idaho.

LEGAL DESCRIPTION:

<u>Unit</u>	<u>Subdivision</u>	<u>Section</u>	<u>Twp</u>	<u>Rge</u>	<u>Acres</u>
1	Pts. SWNE, NW	16	19N	1W	33
2	Pts. SWNW, N2SW	16	19N	1W	21
	Pts. SESW, SWSE	16	19N	1W	21
3	Pts. W2SW, SESW	26	19N	1W	40
	Pts. NENW	35	19N	1W	2
4	Pts. NWNE, S2NE	10	19N	1W	62
	Pts. E2NW, E2SW	10	19N	1W	77
	Pts. W2SE, NESE	10	19N	1W	59
	Pts. W2NE, E2NW	15	19N	1W	40
Total					355

TREATMENT TYPE:

This project is a cull tree removal and slashing, which requires more skill on the part of the thinner in selecting leave trees as opposed to traditional pre-commercial thinning which is primarily based on spacing. Although a specified range of spacing will be used in Units 1 - 3, more emphasis will be placed on species, form and vigor in selecting trees to leave. Tree thinners will be required to recognize specific physical attributes of individual trees as well as changes in site and stand conditions to determine which trees to reserve. Unit 4 will have all trees less than 8 inches diameter at breast height felled.

The units will be treated by mechanically felling undesirable trees with chainsaws.

CONTRACT PERIOD:

Contract work may begin on June 1, 2009 in Unit 4 and July 15, 2009 in Units 1 – 3 once the contractor has received a signed copy of the contract and meets with the contract supervisor for a pre-work meeting at the project site. All work needs to be completed no later than the contract termination date of August 31, 2009.

CONTRACT PAYMENT:

This contract is offered as two (2) payment units, Units 1 – 3 and Unit 4. Payments will be made on the basis of satisfactory completion of the contract requirements as per Master Contract #09-204-500344. Payment will be made at the rate(s) set forth in Schedule A attached hereto.

HAZARD PLAN:

All roads within and adjacent to the thinning units will be kept free of thinning slash. Felled materials protruding over cut and fill banks or onto road right-of-way requires removal.

All protection measures will be discussed with the contractor prior to starting the contract work. Failure to comply with the above requirements would be considered a contract violation.

SUBJECT TO THE DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR IS REQUIRED TO ADHERE TO THE FOLLOWING:

Unit 1 – 3:

1. Treatment Objectives:

- a. Remove all physical and biological culls.
- b. Sanitize stands by reducing the incidence of mistletoe and gall rust.
- c. Thin overstocked stands maximizing growth, vigor and species suitability to the site.

2. Leave Tree Specifications: Leave trees shall be those trees of the tallest height, largest crown, longest terminal leader, and straightest stems that are free of insects, disease and physical or biological defects. The following are the acceptable crop trees in order of preference, with the first being the most preferred ponderosa pine, western larch, Douglas-fir, Engelmann spruce, lodgepole pine, grand fir.

Satisfactory performance will be determined by the quality and quantity of reserve trees. Trees must meet all of the listed criteria below to qualify as a reserve tree otherwise the tree shall be removed as determined by the contract supervisor.

The contractor is required to leave the following trees:

- a. Dominant or codominant conifers with good form and vigor.
- b. Trees with a crown ratio greater than or equal to 35%.
- c. Trees free of insects, disease and physical or biological defects. Leave trees shall have a maximum dwarf mistletoe class rating of 1. The Contractor will use the guidelines described in Attachment "A" (Hawksworth six-class rating system) to rate potential leave versus cut trees that are infected with dwarf mistletoe.
- d. Crowns of 2 desirable leave trees may touch on a maximum of one side.
- e. Reserve trees should number between 110-300 trees per acre.

Unit 4:

All trees less than eight (8) inches diameter at breast height shall be cut.

Crew Requirements: Thinning crews will be required to have one (1) English speaking foreman for every five (5) thinners.

FURTHER INFORMATION: Available by contacting:

Brian Brown
Lands Resource Specialist, Senior

Mike Payne
Resource Supervisor

Idaho Department of Lands
Payette Lakes Supervisory Area
555 Deinhard Lane, McCall, ID 83638
Office: (208) 634-7125 Fax: (208) 634-5117

Dwarf Mistletoe Control Specifications

Dwarf mistletoe infected tress will be rated by the following point system. Leave trees will be rated 1 or less, and cut trees will be those with a rating of 2 or more, unless otherwise specified by the forester-in-charge.

The Six-Class Dwarf Mistletoe Rating System

INSTRUCTIONS:

EXAMPLE:

Step 1 - Divide the live crown into thirds.

Step 2 - Rate each third separately.

Each third should be given a rating of 0, 1, or 2 as described below:

0. No visible infections.
1. Light infections ($\frac{1}{2}$ or less of total number of branches in the third infected).
2. Heavy infection (more than $\frac{1}{2}$ total of branches in the third infected).

Step 3 - Add rating of the thirds to obtain
A rating for the total tree.

Step 4 - Stand values may be obtained by
averaging individual tree ratings.



If this third has no visible infections, its rating is 0.

If this third is lightly infected, its rating is 1.

If this third is heavily infected, its rating is 2.

The tree in this example will receive a rating of: $0+1+2=3$.

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R 1W R 1E

09-204-500344
Lost Price CTR
Vicinity Map
50-344-132-09

T 20N

T 19N

Unit 1

Unit 2







Unit 4

Unit 3



New Meadows

T 18N

Legend

-  Unit Boundary
- Roads**
 -  Paved
 -  Gravel
 -  Improved
 -  State Boundary
 -  Sections

N

1 0 1 2 Miles

09-204-500344
Lost Price CTR
Units 1 & 2
50-344-132-09
T19N - R 1W

USFS Ownership

Unit 1

Unit 2

Legend



Unit Boundary

Roads



Gravel



Improved



Unimproved



Primitive



State Boundary



Sections



Streams



40 ft. Contour Lines

N



500

0

500

1000 Feet



BB 12/08

09-204-500344
Lost Price CTR
Unit 3
50-344-132-09
T19N - R1W

USFS Ownership

Unit 3

27 26
34 35

750 0 750 1500 Feet

Legend



Unit Boundary

Roads



Gravel



Improved



Unimproved



State Boundary



Sections



Streams



40 ft. Contour Lines



BB 12/08

09-204-500344
Lost Price CTR
Unit 4
50-344-132-09
T19N - R1W

Private Ownership

Private Ownership

USFS Ownership

N

16

15 14

Legend



Unit Boundary

Roads



Gravel



Improved



Unimproved



Primitive



State Boundary



Sections



Streams



40 ft. Contour Lines

750 0 750 1500 Feet

BB 12/08